

**Tower Standard Technical Group Discussion**  
**DRAFT Notes from July 28, 2016 Call**

**Attendees:**    **Bob Egan, EPA**  
                      **Matt Rahn, REI**

**Kristen Hanson, LDF TNR**  
**Chris Saari, WDNR**

MIP/HPT update – REI worked with EPA to share Cascade data with Bristol, information should now be available to Bristol. Egan told Bristol that they can contact Tom Kady, EPA, directly to discuss MIP/HPT results. All parties can then work out data interpretations, we can get back together again to discuss.

Well network planning status update – Hanson was wondering where the parties were at in terms of additional monitoring well placements. I said that I was waiting to get reporting and imagery from Cascade (and/or Bristol) to better understand results before trying to locate wells. Egan said he was thinking along the same lines. We agreed that we should still be able to complete the monitoring well installs later this summer or early fall.

Source area options and planning update – Hansen said TNR is continuing to work on a source area remedy, trying to incorporate Kady's comments and thoughts. Saari said that initially he did not think an active remedial system would be a viable approach here, given site, funding and time constraints. However, after hearing what Kady thought of the site, Saari is now leaning towards a soil venting/air sparging approach. Saari added that he wanted to wait for the remedial action options evaluation from Bristol so as to not put the cart before the horse.

Egan added that he should be able to provide an update by late next week on the status of the remedial action options evaluation. Egan pointed out that Bristol was only just recently given the go-ahead to start evaluating the existing information. Egan added that he told Bristol to include any and all potentially applicable remedial options in their analysis.

Egan then asked for clarification on TNR's source control funding limitations. Hanson said that funds were for source removal (excavation), but there might be a possibility to reallocate a portion of the money to be used as part of a larger remedial action. Hanson said that that would only be possible if there was a plan in place (e.g., excavation + air sparging). Hanson added that the funds are from a previous fiscal year, so there are some constraints on the money actually being spent within the specified time frame.

Saari asked for an update on the USGS surface water investigation. Hanson said that the temperature cable was placed in Haskell Lake yesterday; it only took about 30 minutes to place it. The cable is a thin wire, and was unspooled from a john boat as it was rowed around the north end of the lake. A floating GPS device was towed behind the boat to record the location of the temperature cable. The cable is connected to two coolers (ice bath and ambient temperature) for measurement control. Hanson said USGS personnel should be able to tell by next week if they are able to pick up temperature variations. Saari said that he was very

interested in the results, as this technology was potentially applicable to some other DNR sites.

Saari then provided a brief update on Hanson's request for information about the potable well at the Haskell Lake Lodge. It appears that, if we have the information that Hanson is looking for, it would be within a DNR Drinking Water program file. The Drinking Water supervisor that is looking into this has been out of the office for much of the past week or so, but Saari hoped that the file could be reviewed by next week.

**Next Call: 8 AM, August 25, 2016**